

PAPAFIL, E.; PAPAFIL, M.; FURNICA, D.; ODOCHAIN, L.

Silver determination with the diazaminobenze reagent.
Anal Jassy I 10 no.1:33-36 '64.

1. Laboratory of General and Physical Chemistry, "Al.I.Cuza"
University. Submitted October 26-27, 1963.

PAPAFIL, E.; PAPAFIL, M.; KLEINSTEIN, A.; GABE, I.; MACOVEI, V.

Research on the structure of the Cu-diphenyl-di-p-tolylloxalamidine compound. Anal St Jassy I 10 no.2:115-124 '64.

1. Laboratory of General and Physical Chemistry, "Al. I. Cuza" University. Submitted May 28-June 1, 1964.

PAPAFIL, E.; HURDUC, N.; POPA, M.; LAZAR, D.

Conductometric titration of copper. Anal St Jassy I 10 no.2:
125-130 '64.

1. Laboratory of General and Physical Chemistry, "Al. I. Cuza"
University.

[illegible]

[illegible]

BC

A-1

Constitution of compounds formed by cyclic chlorides and metallic salts. R. CHAMATHOU, (GREEK) M. PARAKI, and M. PONT (Ann. Sci. Univ. Jassy, 1968, 20, 775-789; cf. preceding abstract).
In $\text{CoCl}_2 \cdot 2(1 : 5-N)$, $\text{NiCl}_2 \cdot 2(1 : 5-N)$, and $\text{CuCl}_2 \cdot 2(1 : 5-N)$ each mol. of base is replaceable by NH_3 and the resulting $\text{Co}(\text{III})$, $\text{Ni}(\text{II})$, and $\text{Cu}(\text{II})$ complexes are $\text{Co}(\text{NH}_3)_6^{3+}$, $\text{Ni}(\text{NH}_3)_6^{2+}$, and $\text{Cu}(\text{NH}_3)_4^{2+}$.
 $\text{NiCl}_2 \cdot 2(1 : 5-N)$ and $\text{CuCl}_2 \cdot 2(1 : 5-N)$ each mol. of base is replaceable by 2NH_3 . Formulas are assigned to (I)-(IV).

Ch. Abstr. (r)

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

FROM SYNONYM **FROM DONOR**

SOURCE #1 **SOURCE #2 OR GIVE ONE** **RELATIONS** **REMARKS OR GIVE ONE**

111 AND 112 CODES		113 AND 114 CODES		115 AND 116 CODES		117 AND 118 CODES		119 AND 120 CODES	
PROCESSES AND PROPERTIES INDEX									
bc Constitution of compounds of cyclic diamines with metallic salts. R. CERNATESCU, (MNE.) M. PAPAYIL, and (MILR.) M. PONI (Ann. Sci. Univ. Jassy, 1958, 20, 175-180).—By determination of the wt. of (1) NH_3 fixed and (2) base (B) displaced when dry NH_3 is passed over the compounds of various metallic salts with diamines it is found whether each mol. of B is replaced by 1 mol. of NH_3 (B united by one valency) or by 2 (B united by two valencies). Thus 1: 8-$\text{C}_6\text{H}_4(\text{NH}_2)_2$ is united by one valency in $\text{CdCl}_2 \cdot 2\text{B}$ and $\text{CdBr}_2 \cdot 2\text{B}$, but by two valencies in $\text{NiSO}_4 \cdot 2\text{B}$; in $\text{CdBr}_2 \cdot \text{B}$, B is united by one valency when it is 1:2, and by two valencies when it is 1:6-$\text{C}_6\text{H}_4(\text{NH}_2)_2$. With $p\text{-C}_6\text{H}_4(\text{NH}_2)_2$ the base is united by two valencies in $\text{CdCl}_2 \cdot \text{B}$, $\text{CdI}_2 \cdot \text{B}$ (I), $\text{Cd}(\text{NO}_3)_2 \cdot 2\text{B}$, and $\text{NiCl}_2 \cdot 2\text{B}$, and also in $\text{CdBr}_2 \cdot p\text{-C}_6\text{H}_4\text{Me}(\text{NH}_2)_2$. Contrary to Hieber et al. (A., 1931, 412), ebullioscopic determination in $\text{C}_6\text{H}_5\text{N}$ shows that (I) is a simple mol. and must, therefore, have the structure $\text{C}_6\text{H}_5(\text{NH}_2 \dots)_2\text{MX}_2$. J. W. B.									
119 AND 120 CODES 111 AND 112 CODES 113 AND 114 CODES 115 AND 116 CODES 117 AND 118 CODES 119 AND 120 CODES									

PAPAFIL, M.

Reactions of oxalimide chlorides with aromatic amines.
 Eug. Papafil, M. Papafil, and V. Macovel. *Analele chim. Univ. "Al. I. Cuza, Iasi, Sect. I, 2, 251-8(1958).*
 Five new oxalamidines were prepd.: diphenyldi(o-tolyl) (I), m. 169-70°; diphenyldi(m-tolyl) (II), m. 137°; diphenyldi(p-tolyl) (III), m. 183°; di(o-tolyl)di(m-tolyl) (IV), m. 130°; and di(o-tolyl)di(p-tolyl) (V), m. 135-7°. I was prepd. by boiling 3 hrs. a mixt. of 15 g. $[C(:NPh)Cl]_2$ and 40 g. o-toluidine in 150 cc. C_6H_6 ; the ppt. which sepd. after 1 hr. was filtered off, and the filtrate steam distd. to remove the solvent and unreacted material; the resinous residue was dissolved in a little C_6H_6 at the b.p. with addn. of petr. ether to pptn., and the yellow crystals sepd., washed with petr. ether and dried; yield, 58%. The same method was used in all other preps. Robert A. Sanborn.

2nd (ND)
 4E 10/8
 4E 3d.
 5

PAPAFIL, M.

RUMANIA / Inorganic Chemistry Complex
Compounds

C

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64023

Author : Cernatescu R; Ponl Mg; Papafil M Bostan M
Inst : Not given
Title : Simple and Complex Vanadates

Orig Pub: Studii si cercetari stiint. Acad. RPR Fil. Iasi.
Chim., 1956 (1957), 7, No 2, 5-12

Abstract: By the interaction of NH_4VO_3 with Co, Ni and
Cu salts in a solution of pyridine (Py), the
following complexes were obtained: $\text{Cu}(\text{VO}_3)_2 \cdot$
 $\text{Py}_3 \cdot 2\text{H}_2\text{O}$ (dehydrating at 100°); $\text{M}(\text{VO}_3)_2\text{Py}_3$,
where M is Cu, Ni or Co; $\text{Ni}(\text{VO}_3)_2\text{Py}_2$; CoPy_6

Card 1/2

CHERNETESKU, R. [Chernatescu, R.], acad. [deceased]; PONI, M.; PAPAFIL, M.;
BOSTAN, M.

Complex salts with aurintricarboxylic acid. III. Rev chimie 4 no.2:
141-158 '59. (EEAI 9:?)
(Complex compounds) (Salts)
(Aurintricarboxylic acid)

CERNATESCU, R., acad.; PONI, Margareta; PAPAFIL, M.; BOSTAN, M.; MOTAS, M.;
ZAHARIA, I. [deceased]

Complex salts of aurintricarboxylic (4',4'' - dihydroxyphenyltricarboxylic)
acid. Rev chimie 6 no.1:57-65 '61.

1. Academie de la Republique Populaire Roumaine, Filiale de Jassy,
Institut de Chimie "Petru Poni," Universite "Al. I. Cuza" de Jassy,
Chaire de chimie inorganique.

PONI, Mg.; PAPAFIL, M.; FURNICA, D.; ODOCHIAN, L.

On some yttrium and lanthanum complex salts. Studii chim Iasi
14 no. 2:181-190 '63.

1. Laboratory of General and Inorganic Chemistry, "Al. I. Cuza"
University, Iasi.

PAPAFIL, M.; FURNICA, M., FURNICA, D.

Spectrophotometric determination of Ce ^{IV} Anal St Jassy I
10 no.2:131-134 '64.

1. Laboratory of General and Physical Chemistry, "Al. I. Cuza"
University. Submitted October 26-27, 1963.

PAPAFIL, M.; FURNICA, M.

Dosing molybdenum by the amperometric method. Anal St Jassy
I 10 no.1:17-21 '64.

1.Laboratory of General and Physical Chemistry, "Al.I.Cuza"
University. Submitted October 26-27, 1963.

PAPAFIL, E.; PAPAFIL, M.; KLEINSTEIN, A.; GABE, I.; MACOVEI, V.

Research on the structure of the Cu-diphenyl-di-p-tolylexalamidine compound. Anal St Jassy I 10 no.2:115-124 '64.

1. Laboratory of General and Physical Chemistry, "Al. I. Cuza" University. Submitted May 28-June 1, 1964.

PAPAFIL, M.A.

The colorimetric determination of copper with diphenyl-
o-tolylloxamine. Eug. Papafil, M. A. Papafil, A. Klein-
stein, and V. Macovel. *Analele chim. univ. I. Cuza*
Iasi, Ser. I (N.S.), 2, 241-50 (1956).—Dil. solns of Cu^{++}
give at pH 6.5, with a 0.005M soln. of diphenyl-
o-tolylloxamine in EtOH a brownish red to yellow color, depend-
ing on the concn. of Cu^{++} (0.25-21 γ/cc). The Beer-Lam-
bert law is obeyed and the detn. is carried out through a
blue filter. The color reaches its max. after 10 min. and
remains const. up to 100 min. Fe interferes with the detn.

Martin Liquornik

RUMANIA / Physical Chemistry. Electrochemistry. 3-12

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 26623.

Author : Papafil, E., Papafil, M-A., Furnica, M., and Furnica, D.

Inst : Iasi University.

Title : The Polarographic Behavior of Some Oxalamidines.

Orig Pub: An Stiint Univ Iasi, Section 1, 3, No 1-2, 303-313 (1957) (in French with German and Russian summaries).

Abstract: The polarographic behavior of solutions of tetraphenylloxalamidine, diphenyldi-o-tolyloxalamidine (I), diphenyldi-m-tolyloxalamidine, diphenyldi-p-tolyloxalamidine, di-o-tolyldi-m-tolyloxalamidine, and di-o-tolyldi-p-tolyloxalamidine in $C_2H_5OH + H_2O$ (1 : 1 mixtures) at pH 3.6-9 has been investigated. A $CH_3COOH + CH_3COONa$ buffer solution was used as the supporting electrolyte in the acid region and

Card 1/2

37

RUMANIA / Physical Chemistry. Electrochemistry.

B-12

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 26623.

Abstract: an $\text{NH}_4\text{OH} + \text{NH}_4\text{Cl}$ and $\text{H}_3\text{BO}_3 + \text{KCl} + \text{NaOH}$ solution was used in alkaline solution. All of the substances investigated give a single wave. When the pH is increased the half-wave potential is shifted to more negative values and the height and slope of the corresponding waves are decreased. At the same pH, the $E_{1/2}$ of all of the investigated substances (except I) practically coincide; I is reduced at more negative E than the other oxalamides at all pH values. A proportionality was found to exist between the height of the wave and the concentration of the substances investigated in both acid and alkaline medium. -- B. Kaplan.

Card 2/2

1
Polarographic behavior of certain oxalamidines. Eugène
Papafili, M. A. Papafili, Mihai Furnica, and Ioannina
Furnica (Bucur. Inst. Romania). *Anal. chim. Univ.*
Al. I. Cuza Iași, Sect. I, 5, 803-18 (1957) (in French).
The structure of a few complex compounds formed by oxal-
amidines with heavy-metal ions was investigated polaro-
graphically. The purpose was to explain the reaction
mechanism of oxalamidines as well as their use in quant.
analysis. With EtOH as solvent, the 6 compounds studied
were tetraphenyl-, diphenyldi-*p*-tolyl-, diphenyldi-*m*-tolyl-,
diphenyldi-*o*-tolyl-, di-*o*-tolyl-di-*m*-tolyl-, and di-*o*-tolyl-di-*p*-
tolyl oxalamidines. The tendency toward a max. in the
polarographic curves owing to relatively high concns. of
oxalamidines was avoided by 0.03% gelatin. In acid solns.,
all oxalamidines give 1 redn. plateau. The mid-plateau
potential on the redn. curves became more neg. as the pH
increased. For identical conditions, all oxalamidines in-
vestigated have essentially the same mid-plateau value
except diphenyldi-*o*-tolyl oxalamidine. The value of the redn.
plateau was directly proportional to the oxalamidine concn.
in both acid and alkaline solns. Mircea Fetino

7
2 May
4 E 2 c 1 p

ms
1/1

99

PAPAF IL, M-A

The gravimetric determination of copper with *m*-nitrobenzaldehyde. Eugene Papafil, Marie-A. Papafil, and Demnica Purnica. *Analele stiint. univ. "Al. I. Cuza" Iasi, Ser. I [N.S.]*, 3, 295-301 (1957); cf. *C.A.* 52, 964h. A cold, dild. aq. soln., contg. 0.02-0.06 g. Cu, is treated with just sufficient dil. NH_4OH to clarify the soln. To this an excess of a dild. warm water soln. of *m*-nitrobenzaldehyde is added dropwise and with continuous agitation. A green amorphous ppt. of $(\text{C}_7\text{H}_4\text{N}_2\text{O}_2)_2\text{Cu}_2(\text{OH})_2$ is immediately formed, which by warming and under violent agitation for 5-10 sec., is very easily agglomerated and filtered on a fritted-glass filter. The ppt. is washed with water and Et_2O and weighed.

The Na, K, NH_4 , Ca, Ba, Sr, SO_4 , NO_3 , Cl, CH_3 , COOH ions do not interfere. Martin Liquornik

PAPAFIL, M. A.

RUMANIA / Physical Chemistry. Electrochemistry.

B-12

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 26623.

Author : Papafil, E., Papafil, M-A., Furnica, M., and Furnica, D.

Inst : Iasi University.

Title : The Polarographic Behavior of Some Oxalamidines.

Orig Pub: An Stiint Univ Iasi, Section 1, 3, No 1-2, 303-313 (1957) (in French with German and Russian summaries).

Abstract: The polarographic behavior of solutions of tetraphenylloxalamidine, diphenyldi-o-tolyloxalamidine (I), diphenyldi-m-tolyloxalamidine, diphenyldi-p-tolyloxalamidine, di-o-tolyldi-m-tolyloxalamidine, and di-o-tolyldi-p-tolyloxalamidine in $C_2H_5OH + H_2O$ (1 : 1 mixtures) at pH 3.6-9 has been investigated. A $CH_3COOH + CH_3COONa$ buffer solution was used as the supporting electrolyte in the acid region and

Card 1/2

37

Country : Rumania
 Discipline : Analytical Chemistry.

B-2

Ref. Jour. : Ref. Zhur - Khim., No 7, 1957

25019

Author : Papafil, E.; Papafil, M.-A.; Furnica, D.
 Institution : Iasi University
 Title : Gravimetric Determination of Copper with Nitro-Benzaloxime.

Orig. Pub. : An. st. Univ. Iasi. Sec. I., 1957, 3,
 No 1-2, 295-301

Abstract : Description of a method of determining Cu^{++} , which is based on the use, as a precipitating agent, of m-nitro-benzaloxime (I), which in contrast to o-nitro-benzaloxime (II) (RZhKhim, 1957, 23393) is very readily synthesized in the laboratory. I, the same as II, forms with Cu^{++} a chelate compound having the composition $[C_7H_5N_2O_3]_2Cu_2(OH)_2$ and suitable for a gravimetric determination of Cu. To the solution being analyzed, containing 0.02-0.06 g Cu, dilute NH_4OH is added dropwise and with constant stirring until the cuprammonium complex is formed, after which there is added a hot solution of I (I is dissolved on a water bath in water

Cont: 1/2

R-12

PAPAEN, MARIE ANNE.

The system phenol-water-salt. Eugene Papet, Marie Anne Papet, and Camille Beldie. *Annales chim. phys.* 1958, 45, 163-70 (1958) (in French). *At. T. Cusa. Inst. Sci. I* (N.S.), 4, 163-70 (1958) (in French). The effect of halogen salts on the equil. of the system phenol-water, at 25-32°, was studied. $K = (y - y_0)/c$, where y_0 is soly. of water in pure phenol, y its soly. in the presence of salt, and c the concn. of the salt. K differs with each salt. It decreases in the following order: $\text{Na} > \text{K} > \text{NH}_4 > \text{Rb} > \text{Cs}$, and for the same cation: $\text{Cl} > \text{Br} > \text{I}$. K rises with temp. The variation of the eq. temp. of soln. is: $\Delta t = a/c^b$, where a is a const. depending on the specific salt, b another one, depending on the mixt. of the liquids. For 2 salts of the concn. c_1 and c_2 and for the same b , $\Delta t_1/\Delta t_2 = c_2/c_1$, where $c_1/c_2 = (a_1/a_2)^{1/b}$. In this case b was taken as 0.5, so that $c_1/c_2 = (a_1/a_2)^{1/0.5}$, which means that $a_1/a_2 = \text{const.}$ The soly. of the salts increases in the following order: $\text{Na} < \text{K} < \text{NH}_4 < \text{Rb} < \text{Cs}$ and $\text{Cl} < \text{Br} < \text{I}$. It increases also with the temp. of the phenol-water equil. The equiv. rise of the equil. temp. $\Delta t/c$ grows with diln. $\Delta t/c$ varies with the nature of the salt in the same direction as K . It was found too that $\Delta t_1/\Delta t_2 = c_1/c_2$.
Mella Paecht-Horowitz

2 May

4

99

PAUN, R., conf.; MARCUS, N., dr.; ILIE, E., dr.; OLINESCU, R., chim.;
PAPAGHEORGHE, Camelia, chim.; LAZAROVICI, Miriam, chim.;
CRISTESCU, Marcela, chim.

Coproporphyrinuria in chronic hepatitis. Med. intern. 15 no.6:
687-693 Je '63.

1. Lucrare efectuata in Institutul de medicina interna al
Academiei R.P.R. si Ministerul Sanatatii si Prevederilor Sociale,
Bucuresti (director: acad. N.Gh. Lupu).
(HEPATITIS) (PORPHYRINS) (URINE)
(KIDNEY FUNCTION TESTS)

PAPAGHEORGHE, Nicolae, ing. (Bucuresti).; MACRIN, Gheorghe, fizician
(Bucuresti).

Lighting material for tubular fluorescent lamps. Electrotehnica
9 no.9:324-333 S '61.

1. Tehnolog sef la intreprinderea "Electrofar" (for Papagheorghe).
2. Tehnolog la intreprinderea "Electrofar" (for Macrin).

PAPAHAGI, E.

HORTOLOMEI, N.; GHITESCU, T.; PAPAHAGI, E.; FOTIANE, B.

Blood pressure changes during various extracardiac and intracardiac maneuvers; experimental study. Bul. stint., sect. med. 8 no.4:959-972 Oct-Dec 56.

(HEART, surgery

exper., extracardiac & intracardiac, eff. on blood pressure)

(BLOOD PRESSURE

eff. of heart surg., intracardiac & extracardiac, exper. study)

RUMANIA/Human and Animal Physiology - Blood Circulation.
General Problems.

T-4

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84147

Author : Hortolomei, N., Ghitescu, T., Papahagi, E., Fotiade, B.

Inst : Medical Branch of the Rumanian AS.

Title : Changes of Blood Pressure at the Presence of Various Exterior and Interior Manipulations of the Heart (Experimental Study).

Orig Pub : Bul. stiint. Acad. RPR. Sec. med., 1956, 8, No 4, 959-972

Abstract : Tugging, which conditions the turning of the heart, causes considerable changes in blood pressure. As the commissure of the mitral valve at the antero-external level is pressed upon, arterial pressure becomes lowered; its more pronounced lowering is observed as pressure is applied to the postero-internal commissure. Under pathologic conditions,

Card 1/2

NICULESCU, Ion. T.; PAPAHAGI, E.; NICULESCU, St.

A contribution to the study of the relations between the thalamus & the digestive tract; hypothalamic lesions with prevalent involvement of the perimamillary magnocellular nucleus in a case of extensive carcinoma of the stomach. Rumanian M. Rev. 2 no.2:5-9 Apr-June 58.

(STOMACH NEOPLASMS, pathol.

hypothalamus & perimamillary magnocellular nucleus)

(HYPOTHALAMUS, pathol.

lesions in extensive cancer of stomach)

(CEREBRAL VENTRICLES, pathol.

perimamillary magnocellular nucleus in extensive cancer of stomach)

TURAI, I., prof.; PAPAHAGI, E.; MAXIMILLIAN, V.; CIOCHINA-BANESCU, C.;
STEFANESCU, V.; JERCAN-ALBU, M.; PETRUSCU, C.; CHIRIA, B.;
ROSALA, E.

Paresis of the right diaphragmatic dome. Rumanian M Rev. no.2:
63-66 Apr-Je '60.

(DIAPHRAGM diseases)

SCHACHTER, A.; MAXIMILLIAN, V.; PAPAAGI, E.; CIOCHINA-BANESCU, C.

Difficulties and errors in diagnosis of bronchopulmonary cancer.
Stud. cercet. med. intern. 3 no.2:-24 '62.

(LUNG NEOPLASMS diagnosis) (BRONCHI neoplasms)
(CARCINOMA, BRONCHOGENIC diagnosis)

PAPAHAGI, E., conf.; CIURIL, M., dr.; POPOVICI, Z., dr.; CIOBANU, M., dr.

On emergency portacaval anastomosis. Med. intern. (Bucur.) 16
no.10:1239-1244 O '64

1. Lucrare efectuată în "Clinica a II-a de chirurgie, Spitalul
de adulți al Raionului "30 Decembrie" (director prof. I. Iurci,
membru corespondent al Academiei Republicii Populare Române).

GINGOLD, N.; PAPAHAGI, T.; GOTTLIEB, J.

Another family with the "Pelger-Huet" anomaly associated with familial diabetes. Study including 4 generations. (Preliminary note). Stud. cercet. med. intern. 6 no.3:287-293 '65.

BARANY, Lajos, okleveles közepiskolai tanár; PAPAI, Bela, okleveles közepiskolai tanár

Commutation traffic in the vicinity of Budapest. Kozl tud sz 14 no.3:97-107 Mr '64.

1. Group Head, Budapest City Directorate, Central Statistical Office, Budapest (for Barany). 2. Deputy Director, Budapest City Directorate, Central Statistical Office, Budapest (for Papai).

LENGYEL, Bertalan; PAPAI, Denes; FERNBACH, Jozsef

Use of the gonorrhea cultivation method in the Szolnok County Clinic.
Borogy. vener. szemle 13 no.2:91-94 Apr 59.

1. A Szolnok Megyei Bor-Nemibeteggyondozo Intezet (Vezeto foorvos:
Lengyel Bertalan dr.) es a Szolnok Megyei Kozegeszsegugyi es Jarvan-
yugyi Allomas (Igazgato foorvos: Harczos Gyorgy dr.) kozlemenye.

(GONORRHEA, diag.

culturing of Neisseria gonorrhoeae in county dermatol.
& venerol. clinic in Hungary (Hun))

9

KAHAN, Agost; PAPAI, Ibolya

On the effectiveness of terramycin ophthalmic ointment. Szemeszet
97 no.4:206-210 D '60.

1. A Szegedi Orvostudományi Egyetem Szemklinika-jának (Igazgató:
Kukan Ferenc egyetemi tanár, az orvostudományok kandidátusa)
közleménye.

(OXYTETRACYCLINE ther)
(OPHTHALMOLOGY ther)

PAPAI, I.

HUNGARY

BELEBI, Ilona, Dr, KARAN, Apost, Dr, FUKAN, Eszter, Dr, MUCCI, Ilona, Dr, PAPAI, Ibtolva, Dr; Medical University of Szeged, Microbiological Institute and Eye Clinic (Szegedi Orvostudományi Egyetem, Mikrobiológiai Intézet és Szemklinika).

"The Etiology of the Kerato-Conjunctivitis Epidemica of 1962 in Szeged."

Budapest, Orvosi Hetilap, Vol 104, No 10, 10 Mar 1963, pages 438-441.

Abstract: [Authors' Hungarian summary] Of the 59 cases of epidemic kerato-conjunctivitis in Szeged, a virus was isolated in 8 of the cases from the wash solution of the conjunctiva. Based on neutralization tests with plasma typing, the strains were shown to be the type 8 adenovirus. The increase of the neutralizing and complement binding antibodies during convalescence supported the causative role of the isolated viruses. The plasma of 11 convalescing patients with negative previous virus findings also neutralized one of the viruses isolated during the epidemic. This indicates a causative role for the type 8 adenovirus even in the cases where their isolation was unsuccessful. 20 Western, 4 Eastern European references.

U/1

BELADI, Ilona; KAHAN, A.; KUKAN, Esther; MUCSI, Ilona; PAPAI, Ibolya

Aetiologic relationship of adenovirus type 8 to the epidemic
of keratoconjunctivitis in Szeged. Acta microbiol. acad. sci.
Hung. 10 no.1:59-63 '63.

1. Institute of Microbiology (Director: G. Ivanovics) and
Department of Ophthalmology (Director: F. Kukan) University
Medical School, Szeged.

(KERATOCONJUNCTIVITIS)
(ADENOVIRUS INFECTIONS)

BELADI, Ilona, dr.; KAHAN, Agost, dr.; KUKAN, Eszter, dr.; MÖCSI, Ilona, dr.;
PAPAI, Ibolya, dr.

On the etiology of keratoconjunctivitis epidemica at Szeged, Hungary
in 1962. Orv. hetil. 104 no.10:438-441 10 Mr '63.

1. Szegedi Orvostudományi Egyetem, Mikrobiológiai Intézet és Szemklinika.
(KERATOCONJUNCTIVITIS) (ADENOVIRUS INFECTIONS)
(EPIDEMIOLOGY)

SZONYI, Jeno; PAPAI, Laszlo

Speed ratio of the pneumatic transportation of granular materials.
Jarmu meze gep 6 no.8:225-235 '59.

1. Budapesti Muszaki Egyetem Vizgepek Tanszeke.

L 30170-66 FCC

ACC NR: AP6020629

SOURCE CODE: HU/0033/66/000/001/0047/0052

AUTHOR: Gotz, Gusztav; Papaine, Szalay Gabriella

ORG: none

TITLE: Contribution of vertical wind shear in the development of convective thunderstorms

SOURCE: Idojaras, no. 1, 1966, 47-52

TOPIC TAGS: storm, wind shear, wind direction

ABSTRACT: The literature dealing with the effect was reviewed and it was concluded that vertical wind shear does not cause convective thunderstorms directly but does not prevent their formation either. Under usual conditions of favorable instability conditions the magnitude of wind shear is generally small. The vertical wind shear may have a significant effect in maintaining the vertical mass flow in a stable air column within an air mass under conditions of thunderstorm activity. [JPRS]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 003

Card 1/1 CC

PAPAINÉ SZALAY, Gabriella

Air current in Hungary in case of cold inrush from two sides.
Idojaras 63 no.6:356-360 N-D '59. (EEAI 9:10)
(Hungary--Atmosphere)

PAPAINÉ SZELAY, Gabriella

Temperature structure of the lower (5 km.) air layer in various
macrosynoptic situations. Idojaras 64 no.2:88-95 Mr-Ap '60.
(EEAI 10:3)

(Atmospheric temperature)

PAPAINÉ SZALAY, Gabriella

Temperature-structure of the lower (5 km) air layer in various macro-synoptic conditions. Idojaras 64 no.2:88-95 Mr-Ap '60.

P&PAINE SZALAY, Gabriella

Air-flow over Hungary in macrosynoptical situation with a zonal pattern. Idojaras 65 no.6:338-344 p '61.

Fapaine-Szalay, G.

PAT. I. SZALAY, Gabriella

Air currents in Hungary in macrosynoptic situations of northern and southern direction. Idcjaras 65 no.2:93-98 Hr-Ap '61.

PAPAJNE SZALAY, Gabriella

The annual course and frequency distribution of the water vapor
in Budapest. Idojaras 66 no.4:227-229 J1-Ag '62.

PAPAINÉ SZALAY, Gabriella

Air circulation in Hungary in macroscopic positions with
zonal direction. Orsz meteor int besz tud kut 25:186-187
'61 (publ.'62).

PAPAINÉ SZILÁY, Gabriella

Annual variation of water vapor content in various macrosynoptic
situations. Orsz meteor int besz tud kut 26:263-267 '62(publ.'63).

PAPAINÉ SZALAY, Gabriella

"Weather-winds-clouds" by R. Hohn. Reviewed by Gabriella Papainé Szalay. Idojaras 66 no.2:117-118 Mr-Ap '62.

GOTZ, Gusztav; LEPANE, STELLA, Gabriella

Thunderstorm activity decreased by instability increase.
68 no. 3-157-165 by 16-164.

L 38641-66 FCC

ACC NR: AP6027673

SOURCE CODE: HU/0033/66/000/002/0106/0114

AUTHOR: Gotz, Gusztav; Papaine, Szalay Gabriella

ORG: none

TITLE: Thunderstorm activity in Hungary during the summer half-year

SOURCE: Idojaras, no. 2, 1966, 106-114

TOPIC TAGS: storm, climatology

ABSTRACT: The thunderstorm activity in Hungary during the summer half-year was analyzed on the basis of a grid consisting of rectangles 30 x 30 km. in size. The average incidences were as follows: April, 2-5 days; May, 5-12 days; June, above 15 days, depending on the location; July, 6-14 days; August, 4-9 days; and September, 1-3 days. The data were presented and discussed in some detail to indicate the distribution over the geographical zones in Hungary. Four maps were presented. Orig. art. has: 4 figures.

[JPRS: 36,452]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 009

TSURAI, I.; PAPAKHADZHI, E., MAKSIMILIYAN, V.; CHOKINE-BZNESKU, K.;
SHTEFENESKU, V.; ZHERKAN-ALBU; PETRESKU, K., KUREA, B., ROSHALE, E.

Paralysis of the right half of the diaphragm. Vest. khir. 84 no.5:
26-32 My '60. (MIRA 13:12)
(DIAPHRAGM--DISEASES)

YUSHCHENKO, N.R., doktor tekhn. nauk, prof. (Dnepropetrovsk); Badyul, B.K.,
kand. tekhn. nauk, dotsent (Dnepropetrovsk); YEGORSHINA, Ye.G., kand.
tekhn. nauk, dotsent (Dnepropetrovsk); STEPANOV, V.V., kand. tekhn.
nauk, dotsent (Dnepropetrovsk); PAPAkhov, Yu.V., assistant (Dnepro-
petrovsk); BERESNEV, S.Ye., inzh. (Minsk)

Merits and shortcomings of the textbook on the mechanization of
loading and unloading operations, Zhel dor. transp. 45 no.7:
92-94 J1 '63. (MIRA 16:9)

1. Nachal'nik otdela gruzovoy sluzhby upravleniya Belorusskoy
dorogi (for Beresnev).

S/131/61/000/001/001/004
B021/B058

AUTHORS: Shaposhnikova, A. A., Papakin, Kh. M., Ignatova, T. S.,
Flyagin, V. G.

TITLE: Production and Test of Casting-ladle Bricks With Addition
of Chromium-alumina Slag

PERIODICAL: Ogneupory, 1961, No. 1, pp. 3-7

TEXT: Experimental batches of casting-ladle bricks with addition of chromium-alumina slag (10.95% Cr_2O_3) were manufactured at the Department of Refractory Materials of the Nizhne-Tagil'skiy metallurgicheskiy kombinat (Nizhniy Tagil Metallurgical Combine). The test bricks were fired at 1420°C in an annular kiln. They were tested in the lining of 140 t casting ladles. The results: 1) Experimental batches of casting-ladle bricks with an addition of 20 and 28% chromium-alumina slag were manufactured and tested in 140 t casting ladles. 2) For the production of these bricks, a special production line with a tube mill must be installed at the Department of Refractory Materials of the Nizhniy Tagil Metallurgical

Card 1/2

SHAPOSHNIKOVA, A.A.; PAPAKIN, Kh.M.; IGNATOVA, T.S.; FLYAGIN, V.G.

Producing and testing ladle brick with an addition of chromium
slags containing alumina. Ogneupory 26 no. 1:3-7 '61.

(MIRA 14:2)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat im.Lenina (for
Shaposhnikova, Papakin). 2. Vostochnyy institut ogneuporov (for
Ignatova, Flyagin).

(Firebrick)

S/081/62/000/024/067/073
B166/B186

AUTHORS: Shvartaman, I. Sh., Ustyuzhanina, N. N., Turchaninov, V. S.,
Papakin, Kh. M.

TITLE: Improvement in the process for producing aluminosilicate raw
refractories

PERIODICAL: Referativnyy zhurnal. Khimiya; no. 24, 1962, 578, abstract
24K292 (Tr. Vost. in-ta ogneuporov, no. 3, 1961, 120 - 132)

TEXT: Research was carried out on a less expensive binder than phosphoric
acid for use in the production of aluminosilicate unburned refractories.
The investigations resulted in two suggested versions of a process for
producing aluminosilicate unburned refractories.: the first without a
binding agent, the second with the addition of 2 % aluminum sulfate and 0.5%
phosphoric acid. [Abstracter's note: Complete translation.]

Card 1/1

PAPAKIN, Kh.M.; DORONIN, V.A.; Primali uchastiye: OBUKHOV, A.A.;
GOLOV, V.K. [deceased]; OSTROVSKIY, B.N.; MURATOV, A.A.;
DOMOZHIROV, K.D.

Molding fire clay grates for coke ovens from moist mixture.
Ogneupory 26 no.9:402-404 '61. (MIRA 14:9)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.
(Nizhniy tagil--Fire brick)

SHVARTSMAN, I.Sh.; MIKHALEVA, Z.I.; TURCHANINOV, V.S.; PAPAKIN, Kh.M.;
KOVALENKO, I.D.; YUZVUK, D.I.; SAPAROV, V.V. ~~SHVARTSMAN, I.Sh.~~

Stoppers and nozzles from Ural Mountain raw materials.

Ogneupory 28 no.12:538-543 '63.

(MIRA 16:12)

1. Vostochnyy institut ogneuporov (for Shvartsman, Mikhaleva).
2. Nizhne-Tagil'skiy metallurgicheskiy kombinat im. V.I. Lenina
(for Turchaninov, Papakin, Kovalenko). 3. Bogdanovichskiy
ogneuporny zavod (for Yuzvuk, Saparov).

SHVARTSMAN, I.Sh.; MIKHAYLOV, Yu.F.; PAPAKIN, Kh.M.; VYDRINA, Zh.A.,
KUZNETSOVA, N.V.; VISLOGUZOVA, E.A.; KUL'CHITSKAYA, I.B.

Optimum apparent density of steel pouring stoppers made by the
stiff mud process. Ogneupory 30 no.6:9-14 '65. (NIHA 1967)

1. Vostochnyy institut ogneuporev (for Shvartsman, Mikhaylov).
2. Nizhne-Tagil'skiy metallurgicheskiy kombinat imeni Lenina
(for Papakin, Vydrina, Kuznetsova, Visloguzova, Kul'chitskaya).

ARSYUTKIN, N.V.; PAFKIN, Kh.M.; VALENBURGER, F.G.

Controlling the conditions of clay drying in drums. Ogneupory 30
no.5:20-23 '65. (MIRA 18:5)

1. Vostochnyy institut ogneuporov (for Arsyutkin). 2. Nizhne-Ta-
gil'skiy metallurgicheskiy kombinat im. V.I.Lenina (for Pafkin,
Valenburger).

PA-AKIN, N.

Papakin, N. "The struggle for technical progress in the industry of the Soviet Latvia," Bol'shevik Sov. Latvii, 1949, No. 4, p. 24-31

SO:U -3566, 15 March, 53 (Letopis 'Zhurnal 'nykh 'tatey, No. 14, 1949).

BULANKIN, I.N.; LANTODUB, I.Yu.; NOVIKOVA, N.M.; PAPA KINA, I.K.; FRENKEL, L.A.

Changes with age in the liponucleoprotein complex of liver and
brain tissues. Uch.zap. KHGU 53:87-98 '54. (MIRA 11:11)

1. Kafedra biokhimii Khar'kovskogo gosudarstvennogo universiteta
imeni A.M. Gor'kogo.
(PROTEINS) (AGE) (LIVER) (BRAIN)

PAPAKINA, I. K.

✓ Growth changes in the liponucleoprotein complexes in brain and in liver tissues. I. N. Butankin, J. Yu. Lantov, N. M. Novikova, I. K. Papakina, and L. A. Frenkel. *Uchenye Zapiski Khark'kov. Univ.* 53, *Trudy Nauch.-Issledovatel. Inst. Biol.* 21, 87-98 (1954); *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 1423. — The structural proteins of the

brain and liver of rats 1-3, 30, 90, and 270-360 days old were extd. with 30% urea in Edsall soln. and pptd. by the 5-fold addn. of H₂O. Deins. were made for total N, lipide, and nucleic acid P in the extd. material and in the intact tissue. In both instances the content of protein and of phospholipides increased with growth. The quantity of nucleic acid, especially deoxyribonucleic acid (DNA), was reduced. The ratio of ribonucleic acid/DNA increased. This was more evident in the structural proteins than in whole tissue. With the growth of the organism there may be a replacement of the nucleoprotein complex by lipides and by protein-lipide complex caused by the lowering in the protein-synthesizing processes of the organism. B. S. Levin.

(4)

PAPALA, J.

How we are preparing for mastering the increased tasks of machine-tractor stations which were created by the fast development of collectivization.

p. 559 (MECHANISACE ZEMEDELSTVI) Vol. 7, no. 24, Dec. 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

PAPALA, J.

Wherein success of machine-tractor stations in Bratislava District
lies. p. 179.

Vol. 6, no. 10, May 1956

SEBNIK. RAD A MECHANISACE A ELETRIFIKACE ZEMEDELSTVI A LESNICTVI

Czechoslovakia

Source: EAST EUROPEAN LISTS

Vol. 5, no. 11

Nov. 1956

PAPALA, Ludvik

Discovery of perhyritic rock in Karvina mines. Prid cas slezaky
23 no.3:371-373 '62.

PAPALASHVILI, G.

Study of the intensity of the wool growth in Georgian sheep.

Trudy Tbil. GU no.62:229-242 '57.

(MIRA 11:7)

1. Tbilisskiy gosudarstvennyy universitet imeni Stalina, kafedra
gistologii i genetiki.

(Georgia--Sheep) (Wool)

USSR/Farm Animals. - Small Horned Stock

Q-3

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26173

Author : Papalashvili G.

Inst : Not Given

Title : The Study of Intensiveness of the Growth of Wool of the Georgian Breed of Sheep (Izucheniye intensivnosti rosta shersti gruzinskoy porody ovets)

Orig Pub : Tr. Tbilissk. un-ta, 1957, 62, 229-242

Abstract : In the Georgian Breed of semi-fine-wool sheep, the most intensive growth of wool (1-4 cm. in one month) occurs during April-June when green grasses make mass appearance and the flocks are transferred to the summer mountain pastures. In the winter time, monthly accretion of wool is 0.2-0.5 cm. In ewes, the wool is somewhat thinner than in rams. No connection between the length of wool and sexual dimorphism was observed. The thinness of the wool has no correlation with the development of the deposition of fat in the tail. This makes it possible to combine fine and semi-fine wool with

Card : 1/2

8 PAPALASHVILI, G.M.

состав изоглибуринов паразитов
взрослого поколения. 1931. 368 с.
27 л., ил.
Заг. 1934, 10.11.
979. Миссиссиссиппи Асс-
социация. Парашив Г.М. Миссиссиппи
в союзе. 1945. [1] 310 с., ил. Опы-
ты в союзе. [1] 310 с., ил.
Заг. 1946, 27.6.

Dissertation for degree of

Doctor Biological Sciences

1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

PAPALASHTELI, G. M.

"The Role Played by the Environment in the Formation of the Characteristics and Properties of the Silkworm, *Bombix Mori* L." Dr Biol Sci. Inst of Zoology, Acad Sci USSR, Leningrad, 1953. (RZhBiol, No 1, Ser 54

SO: Sum 432, 29 Mar 55

PAPALASHVILI, G. M.

Papalashvili, G. M. - "Biological Aspects of Silkworms and Some Laws of Their Formation." Tbilisi State University. Tbilisi, 1956 (Dissertation for the Degree of Doctor in Biological Sciences).

So: Knizhnaya Letopis', No. 10, 1956, pp 116-127

Name: PAPALASHVILI, Georgiy Mikheylovich

Dissertation: Biological particularities of mulberry
bombyx and several regularities of
their deformation

Degree: Doc Biol Sci

Affiliation: /Not indicated/

Defense Date, Place: 29 Apr 56, Council of Tbilisi State
U imeni Stalin

Certification Date: 15 Jun 57

Source: BMVO 17/57

PAPALASHVILI, V G

797. Пеллашвили Виталий Георгиевич. Исследование приземности ишиасных голографов на примере атмосферных вихрей в атмосфере сальвинского вихревого бланца в Колхидском Занаване. 1933. 86 с. Изд. 1949. 1951 г. (Ист. физ. и географ. АН Груз. ССР).
Защ. 1954, 22.11.
798. Пеллашвили Константин Иосифович. Характеристика вихрей в Грузии с точки зрения динамики атмосферного процесса. 1947. 1948. 203 с. Изд. 1948, 20.3.
799. Пригважвили Георгий Меликиселевич. Применение метода голографов в метеорологии. Приложение к журналу "Атмосферная физика" 1940. 28 с. [1] Вкл. в. 1941. 20 с. [2] Вкл. в. 1941. 20 с. [3] Вкл. в. 1941. 20 с. [4] Вкл. в. 1941. 20 с. [5] Вкл. в. 1941. 20 с. [6] Вкл. в. 1941. 20 с. [7] Вкл. в. 1941. 20 с. [8] Вкл. в. 1941. 20 с. [9] Вкл. в. 1941. 20 с. [10] Вкл. в. 1941. 20 с. [11] Вкл. в. 1941. 20 с. [12] Вкл. в. 1941. 20 с. [13] Вкл. в. 1941. 20 с. [14] Вкл. в. 1941. 20 с. [15] Вкл. в. 1941. 20 с. [16] Вкл. в. 1941. 20 с. [17] Вкл. в. 1941. 20 с. [18] Вкл. в. 1941. 20 с. [19] Вкл. в. 1941. 20 с. [20] Вкл. в. 1941. 20 с. [21] Вкл. в. 1941. 20 с. [22] Вкл. в. 1941. 20 с. [23] Вкл. в. 1941. 20 с. [24] Вкл. в. 1941. 20 с. [25] Вкл. в. 1941. 20 с. [26] Вкл. в. 1941. 20 с. [27] Вкл. в. 1941. 20 с. [28] Вкл. в. 1941. 20 с. [29] Вкл. в. 1941. 20 с. [30] Вкл. в. 1941. 20 с. [31] Вкл. в. 1941. 20 с. [32] Вкл. в. 1941. 20 с. [33] Вкл. в. 1941. 20 с. [34] Вкл. в. 1941. 20 с. [35] Вкл. в. 1941. 20 с. [36] Вкл. в. 1941. 20 с. [37] Вкл. в. 1941. 20 с. [38] Вкл. в. 1941. 20 с. [39] Вкл. в. 1941. 20 с. [40] Вкл. в. 1941. 20 с. [41] Вкл. в. 1941. 20 с. [42] Вкл. в. 1941. 20 с. [43] Вкл. в. 1941. 20 с. [44] Вкл. в. 1941. 20 с. [45] Вкл. в. 1941. 20 с. [46] Вкл. в. 1941. 20 с. [47] Вкл. в. 1941. 20 с. [48] Вкл. в. 1941. 20 с. [49] Вкл. в. 1941. 20 с. [50] Вкл. в. 1941. 20 с. [51] Вкл. в. 1941. 20 с. [52] Вкл. в. 1941. 20 с. [53] Вкл. в. 1941. 20 с. [54] Вкл. в. 1941. 20 с. [55] Вкл. в. 1941. 20 с. [56] Вкл. в. 1941. 20 с. [57] Вкл. в. 1941. 20 с. [58] Вкл. в. 1941. 20 с. [59] Вкл. в. 1941. 20 с. [60] Вкл. в. 1941. 20 с. [61] Вкл. в. 1941. 20 с. [62] Вкл. в. 1941. 20 с. [63] Вкл. в. 1941. 20 с. [64] Вкл. в. 1941. 20 с. [65] Вкл. в. 1941. 20 с. [66] Вкл. в. 1941. 20 с. [67] Вкл. в. 1941. 20 с. [68] Вкл. в. 1941. 20 с. [69] Вкл. в. 1941. 20 с. [70] Вкл. в. 1941. 20 с. [71] Вкл. в. 1941. 20 с. [72] Вкл. в. 1941. 20 с. [73] Вкл. в. 1941. 20 с. [74] Вкл. в. 1941. 20 с. [75] Вкл. в. 1941. 20 с. [76] Вкл. в. 1941. 20 с. [77] Вкл. в. 1941. 20 с. [78] Вкл. в. 1941. 20 с. [79] Вкл. в. 1941. 20 с. [80] Вкл. в. 1941. 20 с. [81] Вкл. в. 1941. 20 с. [82] Вкл. в. 1941. 20 с. [83] Вкл. в. 1941. 20 с. [84] Вкл. в. 1941. 20 с. [85] Вкл. в. 1941. 20 с. [86] Вкл. в. 1941. 20 с. [87] Вкл. в. 1941. 20 с. [88] Вкл. в. 1941. 20 с. [89] Вкл. в. 1941. 20 с. [90] Вкл. в. 1941. 20 с. [91] Вкл. в. 1941. 20 с. [92] Вкл. в. 1941. 20 с. [93] Вкл. в. 1941. 20 с. [94] Вкл. в. 1941. 20 с. [95] Вкл. в. 1941. 20 с. [96] Вкл. в. 1941. 20 с. [97] Вкл. в. 1941. 20 с. [98] Вкл. в. 1941. 20 с. [99] Вкл. в. 1941. 20 с. [100] Вкл. в. 1941. 20 с. [101] Вкл. в. 1941. 20 с. [102] Вкл. в. 1941. 20 с. [103] Вкл. в. 1941. 20 с. [104] Вкл. в. 1941. 20 с. [105] Вкл. в. 1941. 20 с. [106] Вкл. в. 1941. 20 с. [107] Вкл. в. 1941. 20 с. [108] Вкл. в. 1941. 20 с. [109] Вкл. в. 1941. 20 с. [110] Вкл. в. 1941. 20 с. [111] Вкл. в. 1941. 20 с. [112] Вкл. в. 1941. 20 с. [113] Вкл. в. 1941. 20 с. [114] Вкл. в. 1941. 20 с. [115] Вкл. в. 1941. 20 с. [116] Вкл. в. 1941. 20 с. [117] Вкл. в. 1941. 20 с. [118] Вкл. в. 1941. 20 с. [119] Вкл. в. 1941. 20 с. [120] Вкл. в. 1941. 20 с. [121] Вкл. в. 1941. 20 с. [122] Вкл. в. 1941. 20 с. [123] Вкл. в. 1941. 20 с. [124] Вкл. в. 1941. 20 с. [125] Вкл. в. 1941. 20 с. [126] Вкл. в. 1941. 20 с. [127] Вкл. в. 1941. 20 с. [128] Вкл. в. 1941. 20 с. [129] Вкл. в. 1941. 20 с. [130] Вкл. в. 1941. 20 с. [131] Вкл. в. 1941. 20 с. [132] Вкл. в. 1941. 20 с. [133] Вкл. в. 1941. 20 с. [134] Вкл. в. 1941. 20 с. [135] Вкл. в. 1941. 20 с. [136] Вкл. в. 1941. 20 с. [137] Вкл. в. 1941. 20 с. [138] Вкл. в. 1941. 20 с. [139] Вкл. в. 1941. 20 с. [140] Вкл. в. 1941. 20 с. [141] Вкл. в. 1941. 20 с. [142] Вкл. в. 1941. 20 с. [143] Вкл. в. 1941. 20 с. [144] Вкл. в. 1941. 20 с. [145] Вкл. в. 1941. 20 с. [146] Вкл. в. 1941. 20 с. [147] Вкл. в. 1941. 20 с. [148] Вкл. в. 1941. 20 с. [149] Вкл. в. 1941. 20 с. [150] Вкл. в. 1941. 20 с. [151] Вкл. в. 1941. 20 с. [152] Вкл. в. 1941. 20 с. [153] Вкл. в. 1941. 20 с. [154] Вкл. в. 1941. 20 с. [155] Вкл. в. 1941. 20 с. [156] Вкл. в. 1941. 20 с. [157] Вкл. в. 1941. 20 с. [158] Вкл. в. 1941. 20 с. [159] Вкл. в. 1941. 20 с. [160] Вкл. в. 1941. 20 с. [161] Вкл. в. 1941. 20 с. [162] Вкл. в. 1941. 20 с. [163] Вкл. в. 1941. 20 с. [164] Вкл. в. 1941. 20 с. [165] Вкл. в. 1941. 20 с. [166] Вкл. в. 1941. 20 с. [167] Вкл. в. 1941. 20 с. [168] Вкл. в. 1941. 20 с. [169] Вкл. в. 1941. 20 с. [170] Вкл. в. 1941. 20 с. [171] Вкл. в. 1941. 20 с. [172] Вкл. в. 1941. 20 с. [173] Вкл. в. 1941. 20 с. [174] Вкл. в. 1941. 20 с. [175] Вкл. в. 1941. 20 с. [176] Вкл. в. 1941. 20 с. [177] Вкл. в. 1941. 20 с. [178] Вкл. в. 1941. 20 с. [179] Вкл. в. 1941. 20 с. [180] Вкл. в. 1941. 20 с. [181] Вкл. в. 1941. 20 с. [182] Вкл. в. 1941. 20 с. [183] Вкл. в. 1941. 20 с. [184] Вкл. в. 1941. 20 с. [185] Вкл. в. 1941. 20 с. [186] Вкл. в. 1941. 20 с. [187] Вкл. в. 1941. 20 с. [188] Вкл. в. 1941. 20 с. [1

002

Discretion for Labor of

Candidate: David M. Thompson, Jr.

PAPALASHVILI, V. G.

"Study of Applicability of Available Hodographs for Determining the Seismic Elements of Near earthquakes in the Near Caucasus Area." Cand Phys-Math Sci, Tbilisi State U, Tbilisi, 1954. (RZhFiz, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

IBEBEDEV, T.M.; PAPALASHVILI, V.G.

Earthquake, February 12, 1953, in the Gori District. Trudy Inst.
geofiz. AN Gruz. SSR 13:149-157 '54. (MIRA 9:9)
(Gori District--Earthquake, 1953)

PAPALASHVILI V.G.

Intersection method for evaluating the precision of locations
of epicenters and foci of Caucasian earthquakes. Trudy Inst.
geofiz. AN Gruz.SSR 15:127-132 '56. (MIRA 10:7)
(Caucasus--Earthquakes)

PAPALASHVILI, V.G.

Some data on the thickness of the earth's core in the Caspian Sea region. Soob. AN Gruz. SSR 21 no.1:25-28 J1 '58.

(MIRA 11:10)

1. AN GruzSSR, Institut geofiziki, Tbilisi. Predstavleno chlenom-korrespondentom Akademii P.D. Gamkrelidze.

(Caspian Sea region--Earth--Internal structure)

SOV/49-59-7-14/22

AUTHOR: Papalashvili, V. G.

TITLE: The Hodograph of Seismic Waves of Caucasian Earthquakes with Shallow Foci

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1959, Nr 7, pp 1052-1054 (USSR)

ABSTRACT: The data of the earthquakes are given in Table 1 and Fig 1. The analysis of the seismograms shows the time difference between different waves, as tabulated in the lower half of p 1053, where the waves are denoted as follows: $\bar{P}$, $\bar{S}$ - straight-longitudinal and straight-transverse respectively, P^* , S^* - defracted at the bottom of the first layer, P , S - defracted at the bottom of the earth's crust, Δ - epicentric distance. The time differences for the epicentric distances from 0 to 600 km are tabulated in Table 2. The velocity of the wave $\bar{P}$ was found - $V_{\bar{P}} = 5.44$ km/sec, which was used in calculation of its travel time $t_{\bar{P}}$. Thus, knowing $\bar{P} - P$ and $t_{\bar{P}}$, the travel time of the wave P was obtained. Similarly, the travel times of the other waves were calculated. The results of calculations are shown

Card 1/2

SOV/49-59-7-14/22

The Hodograph of Seismic Waves of Caucasian Earthquakes with Shallow Foci

in Table 3. There are 3 tables, 1 figure and 6 references.
5 of the references are Soviet and 1 is English.

ASSOCIATION: Akademiya nauk Gruzinskoy SSR, Institut geofiziki
(Academy of Sciences, Georgian SSR, Institute of Geophysics)

SUBMITTED: February 1, 1958.

Card 2/2

PAPALASHVILI, V.G.; IOSELIANI, M.S.

Some data on the seismicity of the southeastern part of the Greater
Caucasus. Trudy Inst. geofiz. AN Gruz. SSR 18:109-127 '60.
(MIRA 13:10)

(Caucasus—Earthquakes)

IOSELIANI, M.S.; PAPALASHVILI, V.G.

Seismicity of the territory of the Caspian Sea and adjacent regions.
Trudy Inst. geofiz. AN Gruz. SSR 19:59-69 '60. (MIRA 14:9)
(Caspian Sea region--Seismology)

PAPALASHVILI, V.G.; SIKHARULIDZE, D.I.

Interpretation of seismic waves arising in near earthquakes.
Trudy Inst. geofiz. AN Gruz. SSR 21:41-50 '63. (MIRA 18:12)

SIKHARULIDZE, D.I.; PATARAYA, Ye.I.; PAPALASHVILI, V.G.

Study of the earth's crust from observations of the propagation
of short-period surface waves. Trudy Inst. geofiz. AN Gruz. SSR
22:71-84 '64. (MIRA 18:12)

AYVAZISHVILI, I.V.; PAPALASHVILI, V.G.

Estimation of the intensity of Caucasian earthquakes. Soob. AN Gruz.
SSR 35 no.2:303-306 Ag '64. (MIRA 17:12)

IOSELIANI, M.S.; PAPALASHVILI, V.G.

Some aspects of the seismic-tectonic conditions in the eastern part of the Greater Caucasus and adjacent regions. Trudy Inst. geofiz. AN Gruz. SSR 22:15-41 '64.

(MIRA 18:12)

PAPANCHEV, KH.

"Comparison between the Dospat-Vucna and Bestrino cascades."

p. 2 (Elektroenergiia, Vol. 2, no. 2, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 1,
September 1958

PAFANCHEV, KH.

Distribution of the investment for one hydrotechnic structure among several water users. p.28. *TEKHNIKA*. (Suiuz za nauchno-tekhnichestkite druzhestva v Bulgariia) Sofia. Vol. 5, no. 1, Jan./Feb. 1956

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 5, no. 12, December 1956

PAPANCHEV, Khristo, inzh.

Extent of water catchment and harnessing in the high-mountain
reservoirs and collecting sources in Bulgaria and abroad.
Elektroenergiia 14 no. 12: 7-9 D '63.

PAPANCHEV, Khristo, inzh.

Planned and realized electric power production in hydroelectric
power plants in Bulgaria. Khristo i melior 8 no.8:256 '63.

Papaleksi, N.P.

PAPALEKSI, N.I.

O rabote komissii po izucheniiu uslovii rasprostraneniia radiovoln v Arktike. (Akademiia Nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. 1938, no. 3, p. 109-114).

Title tr.: On the activity of the commission for the study of conditions of propagation of radio waves in the Arctic regions.

A. 267.46244 1938

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

Pa Pa Le KS I, n. D.

MANDELSTAM, LEO IL ISAAKOVICH, and L.D. IANALIASI, eds.

loveishie issledovaniia rasprostraneniia radiovoln vdol'zernoi poverkhnosti;
sbornik statei. Moskva, Gostekhizdat, 1945-1946. 2 v., illus.

Vol. 2 edited by L.A. Vvedenskii under title: Issledovaniia po
rasprostraneniui radiovoln (Research in wave propagation).

Includes bibliographies.

Title tr.: The most recent research in the field of radio wave propagation
along the earth surface. Collected articles.

0001.03

SC: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1950.

FEDOROVICH, A. (Kiyev); PAPANDOPULO, S. (Tbilisi); LITCHENKO, V., aviamekhanik
(Krasnodar)

Letters of our correspondents. Grazhd.sv. 18 no.5:23 My '61.
(MIRA 14:5)
(Aeronautics, Commercial)

GLUSHKOV, V. (Khar'kov); GRUBE, G. (Alma-Ata); FINOGENOV, N.
(Petrozavodsk); MARTINOVICH, A. (Murmansk); KALLING, V.
(Tallin); TAMAROVSKIY, V. (Magedan); PAPANDOPULO, S.
(Tbilisi); REUTOVA, I. (Novosibirsk)

Our outside correspondents report. Grazhd.av. 18 no.7:24-25
Jl '61. (MIRA 14:8)

1. Vneshtatnyye korrespondenty zhurnala "Grazhdanskaya
aviatsiya". (Aeronautics, Commercial)

KOZLOV, Ya. (Tbilisi); PAPANDOPULO, S. (Tbilisi); TUPIKOVSKIY, A.
(Tbilisi); MALANCHEV, L. (Tbilisi)

The ninth lesson. Grazhd. av. 18 no.6:4-7 Je '61.
(MIRA 14:7)

1. Vneshtatnyye korrespondenty zhurnala "Grazhdanskaya aviatsiya"
(for Kozlov, Panandopulo, Tupikovskiy). 2. Spetsial'nyy
korrespondent zhurnala "Grazhdanskaya aviatsiya" (for Malanchev).
(Tiflis—Technical education)
(Tiflis—Airplanes—Maintenance and repair)

PAPANDOPULO, S.S.

Scientists in close contact with aviators. Meteor. 1
gidrol. no.9:46-47 S '61. (MIRA 14:8)
(Georgia--Meteorology in aeronautics)

F. PAPANEK

"Problems of forest improvements." p. 37. (POLANA, Vol. 9, no. 2, Feb. 1952, Praha, Czechoslovakia.)

30: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

PAPANEK, F.

PAPANEK, F.: POLAK, O. "Is the forest an object of work or a means of work?" p. 150
(Polana. Vol. 9, no. 7/8, July/Aug. 1953. Praha.)

SO: Monthly List of ^{East European} ~~MOSELEY~~ Accessions, Vol. 3, No. 2, February 1954, Uncl.

PAPANEK, F.

"Present Situation of Biology in our Forestry." p. 167, Bratislava, Vol. 6, 1951.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress